

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-003540**Date Inspected:** 05-Aug-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shanghai**Quality Control Contact:** Steve Lawton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG).**Bid Item:** 77,78,79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

L14E Internal West Section Floor and Vertical of Floor Beams from End Weld Seam to OBG End, NOI Number 8026: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L14E Internal West Section Floor and Vertical of Floor Beams from End Weld Seam to OBG End for final VT compliance. ABF Quality Assurance personnel noted no major discrepancies and instructed ZPMC to proceed with process to the next check point.

L13E Internal East Section Floor and Vertical of Floor Beams from PP121 to PP122, NOI Number 8028: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13E Internal East Section Floor and Vertical of Floor Beams from PP121 to PP122 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

L13E Internal Middle Section Floor and Vertical of Floor Beams from PP121 to PP122, NOI Number 8028: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the

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surface condition on L13E Internal Middle Section Floor and Vertical of Floor Beams from PP121 to PP122 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

L13E Internal West Section Floor and Vertical of Floor Beams from PP121 to PP122, NOI Number 8028: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13E Internal West Section Floor and Vertical of Floor Beams from PP121 to PP122 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

L13W Internal East Section Floor and Vertical of Floor Beams from PP120 to PP124.5, NOI Number 8030: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13W Internal East Section Floor and Vertical of Floor Beams from PP120 to PP124.5 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

L13W Internal Middle Section Floor and Vertical of Floor Beams from PP120 to PP124.5, NOI Number 8030: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13W Internal Middle Section Floor and Vertical of Floor Beams from PP120 to PP124.5 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

L13W Internal West Section Floor and Vertical of Floor Beams from PP120 to PP124.5, NOI Number 8030: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13W Internal West Section Floor and Vertical of Floor Beams from PP120 to PP124.5 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to obstructed view of surface to be inspected.

Cross Beam 18 Internal Entire Floor Surface, NOI Number 8031: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Cross Beam 18 Internal Entire Floor Surface for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects in the applied Interzinc 22 undercoating.

Office

This Quality Assurance Inspector (QA) reviewed, recorded and entered data from notice of inspection requests for the purpose of tracking and compliance to contract documents.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By: Cason,Kenneth

Quality Assurance Inspector

Reviewed By: Miller,Mark

QA Reviewer